

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph bridging pages 4-5 with the following rewritten paragraph:

In the embodiment as shown in Figure 1, the setup and operation of the low force release mechanism is illustrative of the novel qualities of the invention, namely, the distribution of the load force to the main structure and the structure of the trap, the use of an internal spring pin (2) and an internal spring (3) to eliminate ordinal locking of the trap; and the use of the internal geometry of the trap (9) to lock and hold its position. In Figure 1, the main housing/structure (1) has a cavity (1a) and a main shaft (1b). An internal spring trigger (8) is inserted through a trigger/decoy hole (14) located on the side of the upper part of the main housing/structure (1). The hanger (12) is then pushed down and in turn pushes the internal spring pin (2) down, compressing the lift spring (4). When the internal spring pin (2) clears the hole that the internal spring trigger (8) was inserted, the trigger pin protrudes and locks the internal spring pin (2) in the down position such that the trigger (8) engages an engaging portion (2b) of the internal spring pin (2). Hanger (12), which is not attached to the internal spring pin (2), now serves as a point of external attachment to the main structure. The trap (9) is slide up the main shaft and inside the lower part of the main housing (1) (compressing the trap spring (5)) until the large internal diameter section of the trap (9) is above the ball bearing (6). This allows the ball bearings (6) to separate and release pin (7) to be pushed between them by the internal spring (3) located in a cavity (2a) of the internal spring pin (2), this will locks the trap (9) up. The container clips (13), which are examples of attachments by which a container is attached to the main structure and the trap, are then inserted through the slots (15) located on the side of lower part of the main housing (1). When the internal spring trigger pin (8) is pulled out of the main housing (1), the internal spring pin (2) is freed and is pushed up by the lift spring (4). This removes the release pin (7) from between the ball bearings (6). As such, the release pin, the lift spring, and the one or more ball bearings (or e.g., slugs) located in the main structure and within an internal geometry or hollowed portion of the trap interact with the geometry of the trap. The ball bearings (6) now retract and the trap

(9) is pushed down by trap spring (5), releasing the container clips (13). As such, the release pin, the trap spring, and the one or more ball bearings (or e.g., slugs) located in the main structure (1) and within an internal geometry of the trap interact with the geometry of the trap. The container clips simplify the setup by allowing insertion or removal after the mechanism has been armed and the trap locked. This significantly simplifies the setup. The mechanism as shown in Figure 1, amply demonstrates the multi-level trigger concept of the invention, which is the ability to lock the internal spring pin by inserting the internal spring trigger pin on any one or more levels.

Please replace the second paragraph on page 6 with the following rewritten paragraph:

In order to show the advantage of the invention's characteristics, in particular the advantage of the hangar mechanism, a further embodiment is depicted in Figure 5. This embodiment is similar to that shown in Figure 1, but employs a different hangar design. In the low force release mechanism depicted in Figure 5, the internal spring pin with an extension (16) is pushed and held down, compressing the lift spring (4). Next, the trigger pin (8) is inserted through a trigger/decoy hole (14) located on the side of the upper part of the main housing/structure (1), locking the internal spring pin with an extension (16) in the down position. The trap (9) is slide up the main shaft and inside the lower part of the main housing (1) (compressing the trap spring (5)) until the large internal diameter section of the trap (9) is above the ball bearings (6). This allows the ball bearings (6) to separate and the release pin (7) to be pushed between them by the internal spring (3), which locks the trap (9) up. The container clips/attachments (13) holding the container holding the objects or material to be released are then inserted through the slots (15) located on the side of lower part of the main housing (1). When the trigger pin (8) is pulled out of the main housing (1), the internal spring pin with an extension (16) is freed and is pushed up by the lift spring (4). This removes the release pin (7) from between the ball bearings (6). This causes the ball bearings (6) to retract, causing the trap (9) to be pushed down by the trap spring (5), and thereby releasing the container clips (13).